

## TECHNICAL DATA SHEET - CST 0570/02 - 16/01/2018

## **PLANIFLEX PF 41**

## BASIS

Organic fibers, NBR.

## **GENERAL PROPERTIES AND APPLICATION**

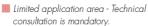
Oil resistant gasket material for light to medium loadings. Very suitable for general applications.

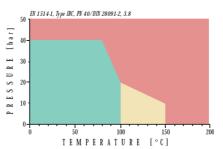
PLANIFLEX PF 41			
	Typical valu	Typical value thickness 2.0 mm	
Compressibility ASTM F36	%	9	
Recovery ASTM F36	%	60	
Relaxation stress DIN 52913			
16 hours, 175°C, 50 N/mm <sup>2</sup>	N/mm <sup>2</sup>	20	
Tensile strength DIN 52910	N/mm <sup>2</sup>	8	
Thickness increase ASTM F146			
1) Oil IRM 903, 5h, 150°C	%	10	
2) ASTM Fuel B, 5h, 23°C	%	10	
Max operating conditions			
Peak Temperature	°C / °F	180	
Continuous Temperature	°C / °F	140	
Continuous Temperature with Steam	°C / °F	120	
Pressure	Bar / psi	40	
Available sizes : (mm) $1.500 \ge 1.500$ and $1.500 \ge 3.00$ Available thickness: (mm) $0.50 \div 0.80 \div 1.0 \div 1.5 \div 2.0$ (inch) $1/64$ " $\div 1/32$ " $\div 3/64$ " $\div 1/16$ "	$0 \div 2,5 \div 3,0 \div 4,00 \div 5,00;$		
other thickness available on demand.			

Temperature and pressure represent maximum values and should not be used simultaneously. They are given only for guidance, since they depend not only on the type of gasket material but also on the assembly conditions. Very important factors are: thickness of material, nature of service, medium, type of flange, surface stress. Steam application requires special consideration.



 Max. performance is ensure through appropriate measures for joint design and gasket installation. Consultation is recommended.





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